NEW! Single Turn Sealed Cermet Trimmer Potentiometers – TS53Y Series 4mm

FEATURES:
- Small size for optimum packing density • Suitable for both manual or automatic operation

ELECTRICAL SPECIFICATIONS:
- Resistive Element: Cermet • Electrical Travel: 270° ±10° • Tolerance (Standard): ±20% • Power Rating (Linear): 0.05W per module • Temperature Coefficient: ±0.5% per °C • Limiting Element Voltage: 200V • Contact Resistance Variation: 1% or 30  • End Resistance: 0.1% or 3Ω typical • Dielectric Strength (RMS): 1000V • Insulation Resistance: 107MΩ

MECHANICAL SPECIFICATIONS:
- Mechanical Travel: 270° ±10° • Operating Torque: 1.5Ncm maximum • End Stop Torque: 3.5Ncm maximum • Unit Weight: 0.15g maximum

ENVIRONMENTAL SPECIFICATIONS:
- Temperature Range: -55°C ~ 125°C • Climatic Category: 55/125/56 • Sealing: Sealed container

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380

NEW! Single Turn Cermet Knob Potentiometers – P16 Series 1W

The P16 is a revolutionary concept in panel mounted potentiometers. This unique design consists of a knob driving and incorporated cermet potentiometer. Only the mounting hardware and terminals are situated on the backside of the panel reducing the required clearance to a minimum.

FEATURES:
- Test according to CECC 41300 • For professional and industrial applications • Compact (integrated) • Minimum clearance required • Safety in use due to good insulation: >106MΩ 500VDC

ELECTRICAL SPECIFICATIONS:
- Resistive Element: Cermet • Electrical Travel: 270° ±10° • Tolerance (Standard): ±20% • Power Rating (Linear): 1W • 40°C • Limiting Element Voltage (Linear Law): 300V • Contact Resistance Variation: 3% Rn or 3Ω • End Resistance: 1Ω typical • Dielectric Strength (RMS): 270V • Insulation Resistance: 106MΩ

MECHANICAL SPECIFICATIONS:
- Mechanical Travel: 300° ±5° • Operating Torque: 2Ncm typical • End Stop Torque: 2.5Ncm maximum • Maximum Tightening Torque of Mounting Nut: 2.5Ncm typical

ENVIRONMENTAL SPECIFICATIONS:
- Temperature Range: -40°C ~ 85°C • Sealing: Sealed container and panel sealed • Protection Grades: IP67

NEW! Single and Dual-Ganged Conductive Plastic Potentiometers – P9 Series

FEATURES:
- Conductive plastic element • Ultra compact (extra miniature module size)

ELECTRICAL SPECIFICATIONS:
- Resistive Element: Conductive Plastic • Electrical Travel: 270° ±10° • Tolerance (Standard): ±20% • Power Rating @ 70°C (Linear Law): 0.1W • Power Rating @ 70°C (Multiple assemblies Linear Law): 0.05W per module • Temperature Coefficient: ±0.5% per °C • Limiting Element Voltage: 10VDC, 50VAC • End Resistance: 3Ω typical • Contact Resistance Variation (Linear Law - Typical): 2% of nominal resistance • Independent Linearity (Linear Law): ±0.5% typical • Insulation Resistance: 106MΩ @ 250VDC • Dielectric Strength (RMS): 300VAC during 1 minute • Attenuation (Typical): 90dB max. / 0.05dB min.

MECHANICAL SPECIFICATIONS:
- Mechanical Travel: 300° ±5° • Mechanical Rotation Life: 25,000 cycles • Operating Torque: 0.2Ncm up to 2.5Ncm typical • End Stop Torque: 50Ncm